

CLIMATOLOGICAL DATA FOR DECEMBER, 1913.

DISTRICT NO. 9, COLORADO VALLEY.

FREDERICK H. BRANDENBURG, District Editor.

GENERAL SUMMARY.

During December the pressure distribution in the West was out of the ordinary, in that the winter high area formed over Wyoming and adjacent regions instead of over the middle plateau. The effect of this change was reflected in the weather conditions. In the northern part of the district there was slight variability in temperature, and severe cold was persistent. In the southern part the month was marked by a continuation of the unsettled conditions that were a feature during November. A number of low pressure areas formed; a few moved eastward through New Mexico, while others after shifting positions filled up. All remained in the southwest long enough to cause much unsettled weather and several heavy snowfalls in the mountain districts and adjacent regions. Shortly after the beginning of the last decade very cold weather overspread western Colorado, eastern Arizona, and western New Mexico, bringing zero or lower temperatures to all high stations.

TEMPERATURE.

The monthly mean for the stations reporting was 32.5° , or 2.2° below the normal. The mean for December, 1912, was 29.5° . The highest monthly mean was 54.8° at Mohawk, Ariz., and the lowest, 3° , at Gunnison, Colo. During the first six days, and from the 19th to the end of the month, temperatures were below the normal in the greater part of the district. From the 7th to 18th a slight excess prevailed except in the extreme north, southwestern Colorado, and adjacent parts of Utah. The highest temperatures occurred generally in the first half of the month, and the lowest principally on the 20th, 22d, and 29th. In Arizona the lowest temperature occurred at about half of the stations during the first 5 days. Zero or lower temperatures occurred at all stations in western Wyoming and western Colorado, three-fourths of those in eastern Utah, half in New Mexico, and several in Arizona. The highest temperature, 80° , occurred at San Simon, Ariz., on the 16th, and the lowest, -36° , at Fraser, Colo., on the 22d.

Details of temperature are summarized in the following table:

Areas of States in district No. 9.	Temperature.					
	Mean.	Departure from normal.	Highest	Station.	Lowest.	Station.
Western Wyoming.....	11.1	-6.2	47	Willow Creek Cabin.	-30	Eden.
Western Colorado.....	17.6	-3.0	61	Fruita.....	-36	Fraser.
Eastern Utah.....	23.4	-1.8	61	Emery.....	-28	Manilla.
Western New Mexico....	35.1	-2.2	70	Deming.....	-22	Dulce.
Arizona.....	42.8	-2.0	80	San Simon.....	-17	Flagstaff No. 1.
Southeastern Nevada....	44.0	+5.1	69	Logan.....	19	Logan.

PRECIPITATION.

The average for the stations reporting was 1.16 inches, or 0.09 inch more than the normal. The average for December, 1912, was 0.66 inch. Precipitation was general during the first 5 days, and fairly so from the 14th to the end of the month, except for 2 or 3 days, when it was scattered. Precipitation of an inch or more in 24 hours occurred at 4 stations in Colorado, 2 in New Mexico, and 3 in Arizona. The greatest monthly amount was 3.91 inches at Gladstone, Colo., while none occurred at Aztec, Benson, Quartzsite, and Yuma, Ariz. The snowfall was generally heavy. Monthly amounts of 10 inches or more occurred at 47 stations in western Colorado, 11 in eastern Utah, 9 in western New Mexico, and 15 in Arizona. The maximum monthly fall was 59.5 inches at Gladstone, Colo. The average number of days with 0.01 inch or more precipitation was 4 each in western Wyoming and Arizona, 9 in western Colorado, 5 each in eastern Utah and western New Mexico, and 2 in southeastern Nevada. For the district as a whole the average was 6 days.

The average precipitation and departures from the normal on the different watersheds are given in the following table:

Watershed.											
Green.		Grand.		San Juan.		Little Colorado.		Gila.		Mimbres.	Colorado proper.
Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.
0.97	+0.21	1.58	+0.39	2.26	+0.97	1.28	-0.07	0.91	-0.11	1.37	+0.59

MISCELLANEOUS.

The average amounts of sunshine in percentages, with departures from the normal, were:

Grand Junction, 63, 0; Durango, 53, -20; Phoenix, 76, -3; and Yuma, 81, +2.

The relative humidity reported was: Grand Junction, 78, +12; Durango, 71, -2; Phoenix, 62, +14; and Yuma, 50, +4 per cent.

SNOWFALL IN THE MOUNTAINS.

Western Wyoming.—The snowfall was unusually light at the higher elevations, but in the eastern part of the area the fall was greater than usual so early in winter. The snow is not well packed.

Western Colorado.—In the region drained by the Gunnison and San Juan there was a moderate excess, but over the upper Grand, Yampa, and White watersheds the snowfall was less than normal. The average depth on the ground at the end of December, as compared with the

corresponding date last year, was as follows: Grand watershed 17 inches, or +3; Gunnison, 21, or +9; Yampa and White 17, or +1; and San Juan 18, or +6 inches.

Eastern Utah.—The snowfall was above the average and greater than for the corresponding month last year. The snow is packed and the amount on the ground at the end of the month was greater than the average.

Western New Mexico.—There was an excess of precipitation during December. At the end of the month the

average depth at the headwaters of the San Francisco, Gila, and Mimbres was 22 inches; this is greater than the average a year ago.

Arizona.—At the end of the month the depth of snow at the headwaters of the Little Colorado and Salt Rivers was above the average. Over the upper drainage area of the Gila the depths were likewise above the average, but there was less than the average on the Verde watershed.

TABLE 1.—Climatological data for December, 1913. District No. 9, Colorado Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.					Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of overcast days.		
<i>Wyoming.</i>																				
Big Piney.	Lincoln.	6,800	1	-1.9	42°	4	-22	22	47°	0.46	-0.31	0.22	6.8	3	22	2	7	sw.	Ira Dodge.	
Daniel.	do.	6,740	14	13.7	35	8	-30	22	45	0.45	0.30	4.5	3	18	1	12	n.	John Angus.		
Eden.	Sweetwater.	6,577	4	7.8	37	16†	-25	22	34	0.49	+0.11	0.16	5.6	7	18	4	9	w.	Eden Val. L. & I. Co.	
Green River.	do.	6,083	8	7.2	-10.6	37	-25	22	34	0.49	+0.11	0.16	5.6	7	18	4	9	w.	Wm. Hutton.	
Pinedale.	Fremont.	7,157	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	U. S. Forest Service.		
Wamsutter.	Sweetwater.	6,702	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T. C. Sherman.		
Willow Creek Cabin.	Fremont.	7,600	4	15.8	47‡	5	-154	22	404	0.30	-	0.10	4.0	3	18‡	54	44	nw.	U. S. Forest Service.	
<i>Colorado.</i>																			Dan McArthur.	
Ashcroft.	Pitkin.	9,483	11	16.2	-1.3	44	15	-15	22	39	1.05	-0.25	0.27	18.0	12	-	-	-	U. S. Forest Service.	
Aspen.	do.	7,900	-	6.0	38	1	-33	21†	43	0.88	-	0.55	12.0	5	18	4	9	L. R. Hubbard.		
Blue Valley Ranch.	Grand.	7,525	-	-	-	-	-	-	-	-	1.03	59.5	9	17	2	12	-	The Western Colo. Power Co.		
Cascade.	San Juan.	8,900	6	-	-	-	-	-	-	-	3.36	-	0.42	23.7	9	16	9	6	Harry A. Cobbett.	
Cedaredge.	Delta.	6,175	15	22.8	-4.0	44	15	-3	20†	32	1.81	+1.00	0.41	8.0	6	5	4	10	Miss Bessie McDonough.	
Cochetopa.	Saguache.	9,085	4	-	-	-	-	-	-	-	0.94	-	0.34	22.5	12	17	4	10	w.	
Colbran.	Mesa.	6,000	20	21.9	-1.8	42	6†	-2	22	24	1.85	+0.72	0.41	24.7	10	21	0	10	A. A. Wood.	
Columbine.	Routt.	8,766	3	-	-	-	-	-	-	-	1.04	-	0.26	19.0	7	17	7	7	Mrs. M. A. Caron.	
Columbine Ranch.	Delta.	6,925	-	-	-	-	-	-	-	-	2.54	-	0.41	27.4	6	10	10	6	George W. Wade.	
Cortez.	Montesuma.	6,100	2	23.2	-	45	14	-8	24	40	2.36	-	0.83	31.0	7	20	9	2	W. G. Clucas.	
Crawford (near).	Montrose.	6,600	30	20.7	-	43	7†	-4	20†	31	1.55	-	0.80	30.0	8	23	6	6	W. W. Roe.	
Crested Butte.	Gunnison.	8,867	3	12.6	-	45	15	-25	22	48	1.98	-	0.75	24.0	8	13	5	13	Charles L. Ross.	
Delta.	Delta.	4,965	23	21.2	-3.8	46	6†	-13	29	46	0.86	-0.28	0.08	18.5	7	11	10	10	E. M. Getts.	
Dillon.	Summit.	8,800	3	7.0	-	40	14†	-34	22	64	2.10	-	0.88	35.0	10	20	1	10	Mrs. Nannie B. Strong.	
Durango.	La Plata.	6,534	18	22.3	-6.0	46	15	-9	24	36	2.67	+1.27	0.82	28.9	12	11	6	14	U. S. Weather Bureau.	
Eureka.	San Juan.	10,000	6	-	-	-	-	-	-	-	2.35	-	0.70	25.0	11	14	5	14	The Western Colo. Power Co.	
Fraser.	Grand.	8,560	4	5.4	-	38	3†	-36	22	68	3.90	-	3.30	39.0	5	9	5	17	L. D. C. Gaskill.	
Fruita.	Mesa.	4,590	14	23.2	-0.8	61	12	-15	30	48	1.07	+0.36	0.21	12.4	10	11	9	9	J. B. Willsea.	
Glade Park.	do.	7,000	2	-	-	-	-	-	-	-	0.94	-	0.30	11.0	8	15	4	12	A. F. Terrill.	
Gladstone.	Garfield.	5,823	15	23.2	-1.2	52	15	-7	27	44	3.91	-	0.78	52.0	12	9	6	16	The Western Colo. Power Co.	
Grand Junction.	Mesa.	4,602	22	25.0	-3.2	51	6	-8	26	25	0.75	+0.31	0.16	12.4	12	14	7	10	E. A. O'Neil.	
Grandlake.	Grand.	8,153	5	-	-	-	-	-	-	-	2.28	-	1.50	50.0	5	15	7	9	U. S. Weather Bureau.	
Grand Valley.	Garfield.	5,089	21	24.5	-0.2	51	8	-13	29	38	1.29	+0.40	0.28	15.7	13	9	9	13	Mrs. Belle Kaufman.	
Gunnison.	Gunnison.	7,670	20	3.0	-8.8	44	3	-29	27†	47	0.94	+0.31	0.42	14.2	7	16	4	11	David Evans.	
Hayden.	Routt.	6,387	16	18.2	-	44	19	-20	26	43	1.40	-	0.60	17.0	6	14	4	12	Clarence Adams.	
Hesperus (near).	La Plata.	7,610	1	-	-	-	-	-	-	-	1.71	-	0.40	28.5	7	14	5	12	A. W. Friederich.	
Horseshy.	Montrose.	8,700	-	-	-	-	-	-	-	-	1.34	-	0.52	35.3	9	12	11	11	G. F. Snyder.	
Ironton.	Ouray.	10,000	33	-	-	-	-	-	-	-	2.64	-	0.70	27.0	9	17	2	12	Lawrence J. Finch.	
Lake City.	Hinsdale.	8,686	8	11.0	-	38	16	-24	20	43	1.84	-	0.56	31.6	9	19	10	10	Mrs. Amanda E. Foley.	
Ley.	Moffat.	6,190	19	15.1	-3.6	41	6	-25	21	46	0.99	+0.12	0.41	14.0	8	12	1	18	J. F. Maurer.	
Mancos.	Montesuma.	6,960	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ag. G. Wallihan.		
Marble.	Gunnison.	7,951	4	19.0	-	47	15	-20	21	48	1.41	-	0.20	24.0	8	20	2	9	Miss Gertrude Rickner.	
Marshall Pass.	Saguache.	10,846	10	-	-	-	-	-	-	-	2.10	+0.69	0.44	28.0	9	12	2	17	F. E. Morse.	
Meeker (near).	Rio Blanco.	6,152	21	17.0	-2.5	48	8	-22	21	42	0.78	-0.38	0.35	11.5	9	12	7	7	Wm. L. Williams.	
Montrose.	Montrose.	5,811	21	1.1	-5.0	42	6	-9	30	33	1.69	+0.92	0.34	26.3	12	13	3	15	T. Baker.	
Nast.	Pitkin.	7,953	8	18.1	-	48	15	-22	21	51	0.79	-	0.28	11.6	7	20	1	10	U. S. Reclamation Service.	
Pasco Springs.	Archuleta.	7,108	6	13.4	-	41	3	-22	20†	52	2.34	-	0.68	28.8	13	13	8	10	Arthur Hanthorn.	
Palisades.	Mesa.	4,720	3	24.0	-	50	6	-15	29†	34	1.11	-	0.20	12.1	7	16	4	11	E. T. Walker.	
Paonia.	Debeque.	5,694	18	22.3	-4.4	45	15†	9	29	38	1.73	+0.69	0.38	21.5	10	12	13	6	E. P. Undergraft.	
Pitkin.	Gunnison.	9,500	4	-	-	-	-	-	-	-	1.11	-	0.32	17.5	8	14	5	12	J. M. Underwood.	
Redolff.	Eagle.	8,695	20	-	-	-	-	-	-	-	1.02	-0.87	0.36	12.3	9	12	10	9	Mrs. Maggie Cammann.	
Redvale.	Montrose.	6,300	18	18.0	-	42	1	-10	20	36	2.13	-	0.85	20.0	7	11	9	11	Dorothea Greiner.	
Rifle.	Dolores.	8,824	11	-	-	-	-	-	-	-	3.84	+1.55	1.54	39.5	8	9	3	9	Dr. E. S. Foster.	
River Portal.	Garfield.	5,437	2	22.4	-	48	15	-8	22	36	2.06	-	0.70	25.5	12	19	2	10	Herman Eiche.	
Sapinero (near).	Montrose.	6,570	7	-	-	-	-	-	-	-	1.89	-	0.32	28.0	9	16	9	6	U. S. Reclamation Service.	
Shoshone.	Gunnison.	8,125	10	12.0	-3.0	36	17	-15	21†	30	1.98	+0.51	0.36	29.8	13	19	3	9	W. F. Irving.	
Silverton (near).	Garfield.	6,110	23	28.6	-	49	6	-3	22	27	1.02	-	0.37	24.5	9	5	13	13	Central Colorado Power Co.	
San Juan.	San Juan.	9,400	6	13.4	-	43	10†	-23	20	52	2.39	-	0.52	28.1	12	10	7	14	The Western Colo. Power Co.	
Spruce Lodge.	Grand.	9,600	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H. J. Wills.		
Steamboat Springs.	Routt.	6,688	10	17.4	+2.0	48	15	-25	21	50	3.84	+1.55	0.40	18.0	6	4	0	27	Herbert B. Gee.	
Tacoma.	La Plata.	7,300	6	-	-	-	-	-	-	-	2.19	-	0.85	37.7	10	9	11	11	The Western Colo. Power Co.	
Terriidurie.	San Miguel.	8,756	18	2.2	-	45	14	-16	20	41	3.14	-	0.49	38.5	11	2	10	w.	George R. Painter.	
Terminal Dam.	La Plata.	8,300	6	-	-	-	-	-	-	-	2.48	-	0.76	49.2	11	13	5	13	The Western Colo. Power Co.	
Yampa (near).	Routt.	8,000	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Wm. A. Charis.		
<i>Utah.</i>																			H. H. Redd.	
Bluff.	San Juan.	4,200	1	-	-	-	-	-	-	-	0.87	-	0.33	6.0	4	-	-	-	L. M. Lauritzen.	
Canaan.	Washington.	-	-	-	-	-	-	-	-	-	1.04	-	0.48	-	7	-	-	-	Miss Fay Jedi.	
Castle Dale.	Emery.	5,500	14	18.8	-4.0	49	9†	-15	21	48	2.55	+1.89	0.45	28.0	8	16	7	8	Jes. I. Rounds.	
Cisco.	Grand.	4,447	13	-	-	-	-	-	-	-	0.65	+0.15	0.10	6.0	7	11	7	13	Homer D. Ford.	
Dragon.	Uinta.	6,000	3	16.2	-	40	6	-9	28†	27	1.97	-	0.49	24.3	13	6	9	16	Matthew M. Smith.	
Duchesne.	Wasatch.	5,500	6	14.6	-	47	6	-21	24	36	0.70	-	0.20	7.0	8	11	8	12	Chas. de Moisey, Jr.	
Elkhorn.	Uinta.	6,557	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H. C. Wickman.		
Emery.	Garfield.	6,200	12	28.3	+0.9	61	17	-5	25	55	1.80	+1.39	0.40	18.0	6	4	0	27	Geo. H. Barney.	
Escalante.	Garfield.	5,700	10	-	-	-	-	-	-	-	0.45	-	0.15	1.29	4	-	-	-	Geo. W. Dickson.	
Fort Duchesne.	Uinta.	4,941	25	20.2	+2.8	46	1	2	25	25	0.11	-0.43	0.05	-	4	-	-	-	J. E. L. Carey.	
Fruitland.	Wasatch.	7,625	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E. F. Thompson.		
Grayson.	San Juan.	6,000	6	26.4	-	44	14	0	29	25	1.69	-	0.36	23.0	9	10	5	16	Edgar E. Adams.	
Green River.	Emery.	4,080	13	21.2	-2.5	56	6	-20	29	37	0.65	+0.39	0.24	10.4	7	13	4	14	F. J. Weber.	
Hanksville.	Wayne.	4,200	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	John P. Hite.		
Hurricane.	Garfield.	3,500	13	33.6	-1.6	58	6	11	24	23</td										

TABLE 1.—*Climatological data for December, 1913. District No. 9—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unadjusted.	Number of rainy days, 0.01 inch or more.									
Utah—Continued.																								
San Rafael.....	Emery.....	4,250	1								0.42	-0.47	0.26	3	12	3	16							
St. George.....	Washington.....	2,880	26	37.0	-0.7	60	15	19	19	36	0.42	-0.47	0.26	3	12	3	16							
Scofield.....	Carbon.....	7,625	4	16.6	49	6	-23	20	61	1.03		0.27	27.0	9	19	0	12	s.						
Springdale.....	Washington.....	3,500	5	36.4	56	7	18	24	20	0.80		0.30	8.0	3	12	0	12							
Strawberry Tunnel.....	Weber.....	7,680	1	13.8	47	8	-27	19	47	1.55		0.45	23.0	5	19	7	5							
Teesdale.....	Wayne.....	7,000	4																					
Thompson.....	Grand.....	5,150	2	22.2	53	6	-9	29	30	0.55		0.20	8.8	5	15d	34	9d	ne.						
Tropic.....	Garfield.....	7,000	16	24.6	-3.4	50	67	5	29	40	1.60	+1.01	0.50	16.0	5	13	4	14	nw.					
Trout Creek Ranger.....	Uinta.....	9,200	2																					
Vernal.....	do.....	5,050	16																					
Victor.....	Emery.....	5,250	1																					
White Rocks.....	Uinta.....	6,200	1																					
Woodside.....	Emery.....	4,645	2																					
New Mexico.																								
Alma.....	Socorro.....	4,800	15	36.6	-0.6	50	12†	14	18†	44	0.40	-0.36	0.18	1.5	4	8	19	4	s.					
Aragon.....	do.....	6	24.0			56	13†	-15	22	50	1.47		0.40	21.0	5	17	11	3	sw.	Max A. Balke.				
Astec.....	San Juan.....	5,590	13										1.27	+0.74	0.30	13.0	8	8	11	12	sw.	John R. Milligan.		
Bergers Ranch.....	McKinley.....	8,000	1																		Dr. T. J. West.			
Blackbrook.....	do.....	6,500	4																		Harman Berger.			
Bloomfield.....	San Juan.....	5,500	18	25.3	-1.8	49	3	-12	26	34	1.03	+0.41	0.35	8.9	10	10	13	8	sc.	Patrick Des Georges.				
Cambray.....	Luna.....	4,215	14										0.90	+0.37	0.50	0	2	25	0	6	sw.	Fred Le Clau.		
Cliff.....	Grant.....	4,470	13	40.4	+0.3	65	14	21	12	37	1.95	+0.81	0.58	0.85	0	2	11	4	16	nw.	Agent So. Pac. R. R.			
Columbus.....	Luna.....	4,054	4										1.15									J. A. Molohan.		
Crystal.....	San Juan.....	7,400																				Agent So. Pac. R. R.		
Deming.....	Luna.....	4,333	36	44.9	+3.9	70	3†	20	13†	48	0.98	+0.35	0.98	0	1	30	0	1	w.	E. O. Green.				
Dulce.....	Rio Arriba.....	6,767	12	12.1	-10.3	40	3	-22	20	42	2.11	+0.67	0.55	31.0	11	20	8	5	e.	U. S. General Hospital.				
Fort Bayard.....	Grant.....	6,152	44	35.0	-4.0	57	14	7	22	35	1.5	+0.32	0.69	13.4	7	18	8	7	sw.	Cyrill J. Collyer.				
Fruitland.....	San Juan.....	4,800	19	27.0	-1.9	46	18	-5	30	36	1.20	+0.79	0.50	9.8	7	12	5	11	sw.	Agent So. Pac. R. R.				
Gage.....	Luna.....	4,480	13	40.0		58	30	20	28	37	2.05	+1.33	1.10	0	2	26	5	0	w.	W. C. Beiden.				
Gila Planting Station.....	Grant.....	6,475	2	33.9	57	14	4	22	38	1.51		0.66	20.0	7	16	10	5	w.	U. S. Forest Service.					
G. O. S. Ranch.....	do.....	8,000	1	29.4		54	14	-8	21	44	1.67		0.50	20.5	7	11	14	6	w.	Victor Culberson.				
Hachita.....	do.....	4,504	4										0.83	0.41	0	4	21	5	5	w.	Agent E. P. & S. W. R. R.			
Haynes.....	Rio Arriba.....	6,600	2																		Mrs. O. L. Wingate.			
Hermances.....	Luna.....	4,451	4																		Agent E. P. & S. W. R. R.			
Lordsburg.....	Grant.....	4,245	31	39.0	-3.4	58	31	20	23†	34	1.42	-0.26	0.78	0	2	21	0	10	w.	J. H. McClure.				
Luna.....	Grant.....	7,300	12																		C. B. Martin.			
Mimbres.....	Grant.....	5,007	8																		Charles Dennis.			
Pinos Altos (near).....	do.....	7,263	2																		O. L. Scott.			
Pratt.....	do.....	4,415	4																		Agent E. P. & S. W. R. R.			
Putnam.....	San Juan.....	6,200	1																		C. F. Spader.			
Rodeo.....	Grant.....	4,150	8																		Robt. H. Woods.			
Silver City.....	do.....	4,118	4																		Agent E. P. & S. W. R. R.			
Arizona.																								
Allaire Ranch.....	Cochise.....	4,184	17																		Thomas Allaire.			
Alpine.....	Apache.....	8,500	4																		U. S. Forest Service.			
Ashfork.....	Yavapai.....	5,229	2																		Do.			
Aztec.....	Yuma.....	492	15	54.5 ^d	+0.5	75	2	32	24	40	0.00	-0.65	0.60	0.0	0	22	0	9	1	11	operator.			
Benson.....	Cochise.....	3,523	32	41.0	-5.4	62	1	20	6	32	0.00	-0.50	0.60	0.0	0	19	1	11	1	11	Albert W. Owatz.			
Bernardino.....	do.....	4,483	1																		Mary A. Jones.			
Bisbee.....	do.....	5,350	23	42.3	-2.8	65	1	26	22	37	1.54	-0.51	0.39	1.4	4	23	2	6	6	6	A. H. Jolley.			
Blue.....	Greenlee.....	6,500	6																		Agent Southern Pacific Ry.			
Bonita.....	Graham.....	4,916	39																		C. B. Martin.			
Bowie.....	Cochise.....	3,756	37	43.8	-2.7	65	13†	22	31	40	0.62	-0.45	0.56	0.56	1	30	1	0	0	0	ne.	Charles Dennis.		
Buckeye.....	Maricopa.....	980	21	49.0	-1.6	72	7	27	57	39	0.14	-0.68	0.14	0.0	0	1	30	1	0	0	O. L. Scott.			
Canilie.....	do.....	5,225	4																		Agent E. P. & S. W. R. R.			
Carrs Ranch.....	Gila.....	5,410	1																		C. F. Spader.			
Casa Grande.....	Pinal.....	3,396	32																		Robert A. Rodgers.			
Casa Grande Ruin (near).....	do.....	1,422	5	50.0		73	14	29	6	38	0.16		0.64	0.0	2	19	7	5	1	1	J. C. Carr.			
Cavecreek (near).....	Maricopa.....	1,452	6	50.3		74	13†	30	2†	37	0.08		0.70	0.0	2	19	11	1	1	1	Agent Southern Pacific Ry.			
Chandler.....	do.....	1,213	18	49.3	-1.4	72	11	29	2†	40	0.59	-0.31	0.36	0.0	0	2	24	7	0	0	Frank Pinkley.			
Chin Lee.....	Apache.....	6,090	5	25.8		44	17	-1	22	34	0.45		0.15	4.0	7	3	18	10	1	1	John B. Lemmers.			
Chlarsom's Mill.....	Granma.....	8,000	6																		F. V. N. Dana.			
Clifton.....	Greenlee.....	3,584	22	43.4		63	17	27	28	38	1.38	+0.32	0.55	0.55	1	25	3	3	3	1	Rev. L. Ostermann, O. F. M.			
Cline.....	Gila.....	2,300	15	45.6	-0.1	69	11†	28	32	38	0.72	-0.89	0.21	0.21	0	5	12	16	3	1	Hiram R. Chlarsom.			
Cochise.....	Cochise.....	4,219	15	41.2	-2.4	63	14	24	32	34	0.80	+0.10	0.45	0.2	4	19	11	1	1	Experiment Station Farm.				
Columbia.....	Yavapai.....	1,900	18	48.2	-2.9	70	16	31	5	31	0.70	-0.88	0.30	0.0	0	9	13	2	2	M. J. Nolan.				
Cornville.....	do.....	3,300	1	41.8		63	10†	23	12†	39	0.58		0.40	1.5	3	11	15	5	5	N. F. Gildner.				
Courtland.....	Cochise.....	4,543	4																					

TABLE I.—Climatological data for December, 1913. District No. 9—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Sky.			Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.			Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
						Date.	Lowest.	Greatest daily range.														
<i>Arizona—Continued.</i>																						
Kearns Canyon.	Navajo.	6,600	9	43.6	- 0.4	64	11	24	5	33	T.	- 0.78	T.	T.	0	18	5	8				
Kingman.	Mohave.	3,326	10	43.6	+ 5.1	67	15	25	19 ^a	37	0.07	- 0.17	0.07	0	1	18	4	9				
Lakeview.	Navajo.	6,500	15	23.0	.....	59	12	- 11	28	54	1.90	+ 0.36	0.60	23.0	5	12	10	9	sw.	Fred A. Bartram.	
Lewis Springs.	Cochise.	4,029	4	.....	.....	.....	.....	.....	.....	.....	0.90	.....	0.70	0.0	2	15	7	9	ne.	Jesse H. Rogers.
Lowell Observatory.	Cochise.	7,180	2	.....	.....	.....	.....	.....	.....	.....	0.88	.....	0.17	16.0	13	.....	.....	.....	sw.	Agent E. P. & S. W. R. R.
McNeal.	Cochise.	4,150	3	.....	.....	.....	.....	.....	.....	.....	1.09	.....	0.69	0.0	2	22	6	3	nw.	Vesto M. Slipher.
Maricopa.	Pinal.	2,185	37	49.0	- 3.5	72	11	29	3	42	0.80	- 0.20	0.45	0.0	2	27	4	0	w.	George J. Jones.		
Marmette.	Maricopa.	1,160	1	47.2	.....	66	11 ^b	27	6	36	0.82	.....	0.40	0.0	2	8	19	4	sw.	Agent Southern Pacific Ry.
Moccasin.	Mohave.	4,500	1	32.0	.....	55	6	4	27	38	0.26	.....	0.15	3.0	2	11	12	8	nw.	Theodore Katenstein.
Mohawk.	Yuma.	538	13	54.8	- 1.8	78	8	33	29	36	0.02	- 0.46	0.02	0.0	1	22	5	4	sw.	J. G. Maxwell.		
Naco.	Cochise.	4,579	4	.....	.....	.....	.....	.....	.....	.....	0.18	.....	0.18	T.	1	21	0	10	sw.	Agent E. P. & S. W. R. R.
Natural Bridge.	Gila.	4,990	24	.....	.....	.....	.....	.....	.....	.....	1.69	- 0.21	0.38	6.0	7	12	13	6	sw.	D. G. Goodfellow.
Nogales.	Santa Cruz.	3,330	7	44.6	.....	70	13	23	57	43	0.28	.....	0.12	T.	5	21	4	6	sw.	Bonsall Noon.
Nutrioso.	Apache.	8,000	3	.....	.....	.....	.....	.....	.....	.....	1.78	.....	0.45	20.7	12	16	3	12	sw.	U. S. Forest Service.
Oracle.	Pinal.	4,502	19	42.4	- 3.9	64	13	23	23	29 ^a	1.76	+ 0.56	0.90	7.5	5	17	3	11	se.	J. W. Lawson.		
Osborn.	Cochise.	4,676	4	.....	.....	.....	.....	.....	.....	.....	0.65	0.0	0.2	20	2	10	8	8	nw.	Agent E. P. & S. W. R. R.
Paradise.	Pinal.	5,436	7	35.0	.....	66	11	12	22	47	1.79	.....	0.90	6.0	4	15	8	8	w.	J. C. Hancock.
Parker.	Yuma.	345	17	48.9	- 1.3	74	13 ^b	26	67	44	T.	- 0.44	T.	0.0	2	22	5	4	e.	M. A. Israel, M. D.		
Payson.	Gila.	5,550	5	38.4	.....	65	12	14	2	44	1.53	.....	0.43	8.0	6	14	0	17	sw.	Mart McDonald.
Pease (near).	Cochise.	4,400	1	41.5	.....	63	14	25	67	35	1.05	.....	0.61	T.	4	17	9	8	w.	Clarence H. Wilson.
Phoenix.	Maricopa.	1,108	19	50.7	- 1.2	71	14	30	2	33	0.27	- 0.32	0.18	0.0	5	15	8	8	e.	U. S. Weather Bureau.		
Phoenix (1).	do.	1,092	23	48.3	- 1.7	72	11 ^b	27	57	42	0.50	- 0.24	0.27	0.0	2	14	16	1	se.	David Apelt.		
Phoenix (2).	do.	1,189	5	50.7	.....	73	11 ^b	29	6	38	0.22	.....	0.17	0.0	3	18	11	2	sw.	Salt River Valley Nurseries.
Pinal Ranch.	Pinal.	4,520	19	.....	.....	.....	.....	.....	.....	.....	1.63	- 0.62	0.69	6.0	6	14	9	14	sw.	Iron & Craig.
Pinedale.	Navajo.	6,500	1	.....	.....	.....	.....	.....	.....	.....	1.02	.....	0.22	19.0	8	8	9	14	ne.	E. Thomas, Jr.
Pinto.	Apache.	5,680	9	.....	.....	.....	.....	.....	.....	.....	1.28	.....	0.40	16.0	10	19	0	12	sw.	Celia F. Henning.
Prescott.	Yavapai.	5,320	46	33.4	- 3.2	59	31	9	3	37	0.43	- 1.11	0.13	.....	6	13	8	10	sw.	Dr. J. W. Flinn.	
Prescott Dry Farm.	do.	5,008	1	36.8	.....	65	17	13	3	38	0.52	.....	0.16	2.9	5	12	11	8	se.	L. L. Bates.
Quartzsite.	Yuma.	800	6	46.7	.....	74	31	25	29	39	0.00	.....	0.00	0.0	0	15	14	2	nw.	W. E. Scott.
Redrock.	Pinal.	1,864	4	.....	.....	.....	.....	.....	.....	.....	1.57	.....	0.59	0.0	4	26	0	5	sw.	Agent Southern Pacific Ry.
Rice.	Gila.	2,540	30	45.2	- 3.1	69	31	22	13	43	1.47	+ 0.53	0.63	T.	7	21	3	7	ne.	Arthur Pritchard.		
Roosevelt.	do.	2,175	9	46.3	.....	62	67	29	57	33	1.40	.....	0.52	0.0	7	14	4	13	w.	U. S. Reclamation Service.
Sacaton.	Pinal.	1,280	6	50.2	.....	76	7	29	2	42	0.81	.....	0.54	0.0	3	16	7	8	w.	E. W. Hudson.
St. Johns.	Apache.	5,650	9	28.6	.....	52	18	- 4	28	34	1.25	.....	0.20	17.0	7	15	0	16	sw.	Alexander Shreeve.
St. Michael.	do.	6,850	26	24.2	- 2.1	48	14	- 13	22	40	1.74	+ 0.63	0.40	18.0	9	14	12	4	nw.	Rev. Anselm Weber, O. F. M.		
Safoine.	Yuma.	1,575	6	48.3	.....	73	12	28	6	42	0.42	.....	0.39	0.0	3	20	6	5	nw.	August Nord.
San Simon.	Cochise.	3,069	27	51.0	- 4.0	80	16	23	18 ^b	46 ^a	1.10	+ 0.54	0.90	0.0	2	24	4	3	ne.	Agent Southern Pacific Ry.		
Seligman.	Yavapai.	5,219	8	36.6	.....	60	10 ^b	17	24 ^b	41	0.13	.....	0.10	1.1	3	15	10	6	ne.	Librarian A. T. & S. F. Ry.
Sentinel.	Maricopa.	685	15	51.2	- 2.4	70	10 ^b	32	29	31	T.	- 0.32	T.	0.0	0	13	12	1	sw.	Agent Southern Pacific Ry.		
Silverbell.	Pima.	2,664	8	52.0	.....	69	13	35	21	22	1.53	.....	0.59	0.0	6	20	4	7	n.	Imperial Copper Co.
Snowflake.	Navajo.	5,644	6	33.4	.....	53	15	10	22	35	0.75	.....	0.75	0.30	4	9	1	21	sw.	William J. Flake.
Springerville.	Apache.	6,882	3	28.1	.....	60	14	- 9	28	48	0.76	.....	0.30	7.8	5	22	6	3	sw.	U. S. Forest Service.
Supai.	Cochise.	3,200	7	.....	.....	.....	.....	.....	.....	.....	1.17	+ 0.64	1.17	0.0	1	22	7	2	sw.	Laura B. Symons.
Tempe.	Maricopa.	1,165	9	49.6	.....	71	10 ^b	29	5	37	0.41	.....	0.15	0.0	5	13	11	7	nw.	F. H. Simmons.
Thatcher.	Graham.	2,800	10	44.2	- 3.9	67	12	23	12 ^b	44	1.25	+ 0.21	0.50	0.0	4	12	14	5	n.	J. H. Larson.		
Thomas.	Cochise.	5,200	1	.....	.....	.....	.....	.....	.....	.....	1.81	.....	0.39	18.4	11	13	6	12	n.	L. H. Thomas.
Tombstone.	do.	4,550	18	44.2	- 0.2	65	12 ^b	27	21	32	0.81	+ 0.06	0.49	0.0	3	24	6	1	n.	F. N. Wolcott.		
Truxton.	Mohave.	3,997	3	40.5	.....	67	7	21	21 ^b	36	0.12	.....	0.10	1.0	2	24	3	3	n.	Truxton Canyon Ind. School.
Tuba.	Cochise.	4,500	13	32.2	+ 0.8	51	6	15	22	28	0.42	- 0.23	0.12	0.9	11	14	13	4	n.	Ira E. Bell.		
Tucson.	Pinal.	2,390	53	48.8	- 2.5	74	13	28	57	35	0.89	0.00	0.27	0.0	6	15	10	6	n.	University of Arizona.		
Tucson (1).	do.	2,380	5	48.8	.....	74	13	25	6	45	0.81	.....	0.33	0.0	6	17	12	4	nw.	Rev. James F. Record.
Tucson (2).	do.	2,524	4	48.2	.....	72	13 ^b	27	6	41	1.35	.....	0.44	0.0	7	20	5	6	w.	U. S. Coast & Geodetic Sur.
Vail.	do.	3,421	14	.....	.....	.....	.....	.....	.....	.....	1.17	+ 0.64	1.17	0.0	1	22	7	2	sw.	Agent Southern Pacific Ry.
Walnut Grove.	Yavapai.	3,649	20	.....	.....	.....	.....	.....	.....	.....	0.91	.....	0.68	0.38	0	8	0	10	sw.	J. O. Carter.
Wickenburg.	Maricopa.	2,072	15	45.8	- 1.0	70	11	25	57	39	0.25	- 1.23	0.10	0.0	4	21	0	10	s.	Agent S. F. P. & P. Ry.		
Willcox.	Cochise.	4,164	32	40.2	- 2.7	65	15	20	13	38	1.39	+ 0.60	0.90	0.2	4	15	5	11	sw.	Agent Southern Pacific Ry.		
Williams.	Cochise.	6,750	13	31.2	- 2.9	54	10 ^b	3	2	37	1.30	+ 0.44	1.47	6.9	3	16	10	5	n.	E. J. Nordyke.		
Yuma.	Yuma.	141	38	53.7	- 2.0	74	7	24	5	33	0.00	- 0.45	0.00	0.0	0	26	3	2	n.	U. S. Weather Bureau.		
Yuma (1).	do.	150	6	51.6	.....	77	7 ^b	23	5	48	T.	.....	0.0	0	0	23	6	2	n.	C. J. Wood.
<i>Nevada.</i>																						
Caliente.	Lincoln.	4,407	3	44.4	+ 5.1	67	15	25	19	37	0.07	- 0.17	0.07	0	1	18	4	9	s.	Salt Lake Route.		
Las Vegas.	Clark.	2,033	11	44.4	+ 5.1	69	8	19	21	43	0.19	.....	0.18	0	2	20	6	5	s.	C. P. Squires.	
	do.																					

TABLE 2.—*Daily precipitation for December, 1913. District No. 9, Wyoming Valley.*

TABLE 2.—*Daily precipitation for December, 1913. District No. 9—Continued.*

Stations.	Watershed.	Day of month.																																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total					
Utah—Continued.																																						
Strawberry Tunnel.	Green.	.15																																.45	1.55			
Teasdale.	Colorado.																																	.05	0.59			
Thompson.	Green.	T.																																	1.60			
Tropic.	Colorado.	.50	.10	T.	T.																																	
Troutcreek Ranger.	Green.																																					
Vernal.	do.																																					
Victor.	do.																																					
White Rocks.	do.																																					
Woodside.	do.																																					
New Mexico.																																						
Alma.	Gila.	T.																																			0.40	
Aragon.	do.	.08																																			.28	1.47
Aztec.	San Juan.	.17																																				1.27
Bergers Ranch.	Little Colo.																																					
Blackrock.	Mimbres.																																					0.90
Bloomfield.	San Juan.	.07	T.	.08	.35																																1.05	
Cambray.	Mimbres.																																					
Cliff.	Gila.	T.																																				1.95
Columbus.	Mimbres.																																					1.15
Crystal.	San Juan.																																					
Deming.	Mimbres.																																					0.98
Dulce.	San Juan.	.26	*	.55																																		.05
Farmington.	Mimbres.																																					2.11
Fort Bayard.	San Juan.		*	.13	.06																																1.15	
Fruitland.	San Juan.	T.	*	.50	.06																																2.05	
Gage.	Mimbres.																																					1.81
Gila Plant'station	Gila.		*	.26																																		1.67
G. O. S. Ranch.	Gila.		.16	.13																																		0.88
Hachita.	Mimbres.																																					
Haynes.	San Juan.																																					1.28
Hermances.	Mimbres.																																					0.42
Lordsburg.	Gila.		.10																																			
Luna.	Mimbres.																																					
Pinos Altos (near).	Mimbres.																																					1.60
Pratt.	Gila.																																					2.16
Putnam.	San Juan.		.28																																			0.90
Redrock.	Gila.																																					1.01
Rodeo.	Mimbres.																																					0.95
Silver City.	Mimbres.		.32																																			1.73
Arizona.																																						
Allaires Ranch II.	Desert.		.22																																			0.92
Alpine.	Gila.																																					1.05
Ashfork.	Verde.	T.	T.	T.																																	0.00	
Aztec.	Gila.																																					0.00
Benson.	San Pedro.																																					1.10
Bernardino.	San Pedro.	T.	T.	.05																																	0.54	
Bisbee.	Blue.	T.	T.	.13	.05																																1.30	
Boatman.	Gila.																																					0.62
Bowie.	Gila.																																					0.14
Buckeye II.	Gila.																																					0.92
Canille.	San Pedro.	T.	.12	T.	.15	T.																															2.58	
Carrs Ranch.	Salt.	.40	.20	.04	.50																																0.71	
Casa Grande I.	Gila.																																					0.16
Casa Grande Ruin Cavecreek (near).	Salt.		.01	T.																																	0.08	
Chandler.	L. Colorado.		.12	.06	T.	.15																															0.45	
Chin Lee.	Gila.		.20	.07	.11	.47																														2.65		
Chiarsons Mill.	Gila.																																					1.38
Clifton.	Gila.																																					0.72
Cline.	Salt.		.19	.10	.12																																0.80	
Cochise.	Desert.																																					0.70
Columbia.	Aqua Fria.		.25	.30	T.																																0.58	
Courtland.	Verde.		.40	.30	T.																																1.20	
Don Luis.	San Pedro.	T.	T.	T.																																		T.
Dos Cabezos.	Desert.																																					1.09
Douglas.	White.	T.																																				1.05
Dudleyville.	Gila.		.01	.06	.17	.08																														1.47		
Elgin.	San Pedro.																																					

TABLE 2.—*Daily precipitation for December, 1913. District No. 9—Continued.*

Stations.	Watershed.	Day of month.																													Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Arizona—Contd.																																	
Moecasin.	Colorado.	.11																															0.26
Mohawk.	Gila.																															0.02	
Naco.	San Pedro.		T.																													0.18	
Natural Bridge.	Verde.	.38	.18	.25																												1.69	
Nogales.	Santa Cruz.	T.	.05	T.																												0.26	
Nutrioso.	L. Colorado.	.06	.07	.23	.01																											1.78	
Oracle.	San Pedro.		.06	.40																												1.76	
Osborn.	do.																															0.77	
Paradise.	Desert.																															1.79	
Parker ||.	Colorado.																															T.	1.83
Payson.	Verde.	.43		T.	.30																											1.05	
Pearce (near).	Desert.																															0.27	
Phoenix.	Salt.		.02	T.																												0.50	
Phoenix (1).	do.																															0.22	
Phoenix (2).	do.																															0.25	
Phoenix (3).	do.																															0.63	
Pinal Ranch ||.	Gila.	.10	.17	.07																												1.02	
Pinedale.	Little Colo.	.22	.21	.21																												1.28	
Pinto.	do.	.05	.03	.06	.10																											0.43	
Prescott.	Verde.	.08	.11	.08	T.																											0.52	
Prescott Dry Farm.	do.	.09	.15	.05	T.																											0.00	
Quartzsite.	Colorado.																															1.57	
Redrock.	Santa Cruz.																															1.47	
Rice.	Gila.	.03	.08	.05	.17																											0.81	
Roosevelt.	Salt.	.11	.10	.02	.10																											1.25	
Secaton.	Gila.	T.																														0.75	
St. Johns.	Little Colo.	.12			.06																											1.25	
St. Michaels.	do.	.08	.20	.16	.10	T.																										1.74	
Salome.	Desert.	T.	.02	.01																												0.42	
San Simon.	Gila.																															1.10	
Seligman.	Verde.	.10		T.																												0.13	
Sentinel.	Gila.																															T.	1.38
Silverbell.	Santa Cruz.	T.	.01	.38																												0.75	
Snowflake.	Little Colo.	.30	.20																													0.76	
Springerville.	do.	T.	.01	.08																												0.41	
Supai.	Colorado.																															1.25	
Tempe.	Salt.	.15			T.																											0.41	
Thatcher.	Gila.																															1.81	
Thomas.	Verde.	.26	.05	.05	.30																											0.81	
Tombstone.	San Pedro.																															0.12	
Truxton.	Desert.	.10	.02																													0.42	
Tuba.	Little Colo.	.01	.01	.10	.12																											0.89	
Tucson.	Santa Cruz.		.03	.12	.15																											0.81	
Tucson (1).	do.		.09	.01	.10																											1.35	
Tucson (2).	do.		.01	.24	.06	.22																										1.17	
Vail.	do.																																0.26
Walnut Grove.	Hassayampa	.05	*	.20	.10																											0.91	
Wickenburg.	do.	.10																														1.29	
Wilcox.	Desert.																															1.90	
Williams.	Colorado.	1.47		T.	T.																											0.00	
Yuma.	do.																															T.	0.19
Yuma (1).	do.																																
Nevada.																																	
Caliente.	Colorado.																																0.07
Las Vegas.	do.																																0.19
Logan.	do.																																

* Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

|| Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures for December, 1913. District No. 9.

Data.	Wyoming.				Colorado.								Utah.								New Mexico.								
	Daniel.		Green River.		Durango.		Grand Junction.		Gunnison.		Meeker.		Steamboat Springs.		Emery.		Hite.		Moab.		St. George.		Fort Duchesne.		Bloomfield.		Fort Bayard.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
1.	31	-4	29	24	38	26	31	24	40	-7	36	14	40	9	61	30	49	32	45	29	43	24	46	21	41	24	42	21	
2.	28	-9	25	6	41	12	40	24	40	-7	36	14	50	14	50	25	43	32	46	28	50	24	36	19	45	22	45	22	
3.	35	-8	25	13	39	27	39	25	44	5	38	17	30	13	49	12	40	33	44	28	43	24	39	24	49	22	50	24	
4.	42	12	24	11	33	21	35	27	38	6	23	6	50	11	41	31	43	22	49	22	32	19	36	28	44	23	44	23	
5.	27	0	31	8	34	8	46	33	36	10	19	29	18	51	17	56	33	51	22	54	22	37	15	41	14	40	23	40	23
6.	33	-1	27	-3	36	17	51	30	25	-5	38	31	42	13	56	13	58	37	55	29	57	23	38	20	48	22	53	25	
7.	41	1	25	-5	40	12	45	25	22	-17	40	1	42	10	58	18	53	28	49	21	59	12	44	17	49	24	44	24	
8.	41	0	21	-6	42	15	45	26	23	-16	48	8	36	8	60	17	46	31	48	24	58	23	30	14	43	18	47	26	
9.	36	-5	17	-9	42	12	46	23	20	-21	38	3	37	-2	58	16	50	27	49	21	56	23	31	15	43	17	46	24	
10.	36	-6	12	-13	42	13	44	22	18	-25	35	-2	61	15	49	26	45	18	56	20	44	17	44	15	45	23	53	24	
11.	36	1	11	-17	42	13	42	21	16	-28	30	0	42	-4	60	12	47	26	45	19	59	23	21	16	44	16	52	25	
12.	36	-7	15	-15	37	10	42	20	17	-25	26	3	37	1	56	11	51	26	44	18	55	20	24	15	41	14	54	24	
13.	35	2	14	-14	36	8	42	19	16	-26	28	-5	39	-4	60	9	47	24	45	17	56	20	25	17	41	14	56	23	
14.	39	10	17	-13	45	9	39	19	19	-24	25	-4	40	-3	58	11	48	27	39	17	48	27	20	15	43	16	57	23	
15.	35	6	11	-10	46	16	43	22	21	-28	33	19	48	13	55	7	45	29	41	27	60	34	36	17	45	21	46	21	
16.	28	-2	37	8	36	27	34	28	18	18	39	14	39	10	60	5	50	34	43	36	58	34	30	15	36	30	45	31	
17.	26	3	37	15	34	28	38	30	29	6	35	14	34	21	58	11	53	33	46	24	59	21	41	18	49	26	48	29	
18.	30	5	25	0	33	24	46	26	34	1	40	9	41	15	55	15	51	34	48	36	47	31	31	12	44	29	48	29	
19.	20	-6	13	4	27	-1	30	12	20	-9	25	12	25	12	38	7	41	22	43	1	44	19	23	11	43	30	30	23	
20.	13	-9	24	-3	26	7	19	-24	16	-17	22	-16	35	6	35	16	23	-4	44	28	20	12	33	6	45	23	45	23	
Mns.	31.1	-3.7	19.0	-4.7	34.1	10.5	33.7	16.3	20.8	-14.7	30.3	3.6	33.1	1.8	48.4	8.2	42.4	24.8	37.7	15.6	49.2	24.7	26.4	14.0	37.1	13.5	46.3	23.7	

Date.	Arizona.														Logan, Nev.									
	Douglas.		Flagstaff.		Fort Apache.		Grand Canyon.		Parker.		Phoenix.		Prescott.		St. Michaels.		Tucson.		Yuma.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.	56	29	28	12	41	20	46	18	64	30	51	39	35	14	41	11	56	32	61	38	51	41		
2.	56	30	27	4	45	16	48	16	60	30	49	30	36	15	38	13	52	32	58	36	53	41		
3.	57	28	27	21	40	21	48	17	66	32	56	31	33	9	40	14	57	33	60	35	56	24		
4.	48	35	29	17	40	25	46	14	62	36	53	37	35	13	34	23	50	35	63	32	57	21		
5.	61	29	43	17	43	19	47	15	60	28	57	31	44	20	35	22	52	28	67	37	61	21		
6.	57	25	42	25	54	19	49	16	70	26	62	23	51	18	42	13	60	28	69	34	66	28		
7.	56	40	42	19	53	19	50	14	64	28	70	47	52	19	46	14	64	43	74	30	61	27		
8.	63	31	40	20	53	23	50	14	68	26	67	50	50	19	44	13	67	45	73	33	68	25		
9.	57	29	40	18	57	20	51	16	70	26	66	46	51	19	43	14	65	43	71	31	68	25		
10.	63	30	40	19	58	19	50	14	72	30	70	45	55	18	45	14	70	35	74	31	71	26		
11.	68	30	49	16	58	20	50	12	72	30	70	41	53	19	44	13	69	43	71	44	66	25		
12.	66	33	44	14	57	19	54	10	72	30	69	38	53	17	46	14	70	35	72	43	66	27		
13.	70	27	49	13	60	17	57	10	74	32	70	38	56	17	47	12	74	34	72	42	61	30		
14.	72	32	43	22	64	23	58	19	70	30	71	46	55	24	48	14	73	39	74	45	64	31		
15.	56	42	33	28	49	25	45	29	74	36	66	50	50	23	45	23	65	51	72	45	68	30		
16.	54	40	41	27	47	33	46	27	70	34	60	48	49	29	40	28	58	48	70	41	66	32		
17.	61	33	42	19	52	25	47	18	68	25	65	45	43	25	39	18	63	33	69	45	59	33		
18.	64	32	35	23	51	27	45	16	68	30	65	42	47	25	38	23	66	36	69	40	59	30		
19.	67	40	36	17	50	25	44	16	62	35	61	39	37	20	38	1	60	34	64	39	51	21		
20.	60	30	28	19	48	25	40	-1	64	34	58	37	39	20	29	-5	61	39	57	43	52	25		
21.	54	37	32	-2	42	3	44	4	60	36	55	38	38	21	31	14	55	38	59	38	52	19		
22.	47	26	32	-2	41	4	40	5	61	34	53	38	44	19	25	-13	54	32	64	40	50	26		
23.	52	27	33	-7	44	13	38	6	56	30	58	40	41	28	32	10	56	34	65	40	55	29		
24.	55	26	34	-5	45	13	38	4	60	35	55	40	45	15	36	-3	58	30	65	38	49	29		
25.	57	27	42	16	50	23	39	4	62	34	54	42	48	25	34	-5	54	37	63	46	43	35		
26.	62	40	34	11	48	10	38																	